

Effect of power density on  
sensitised human RBC in  
PBS/Mg/Glucose

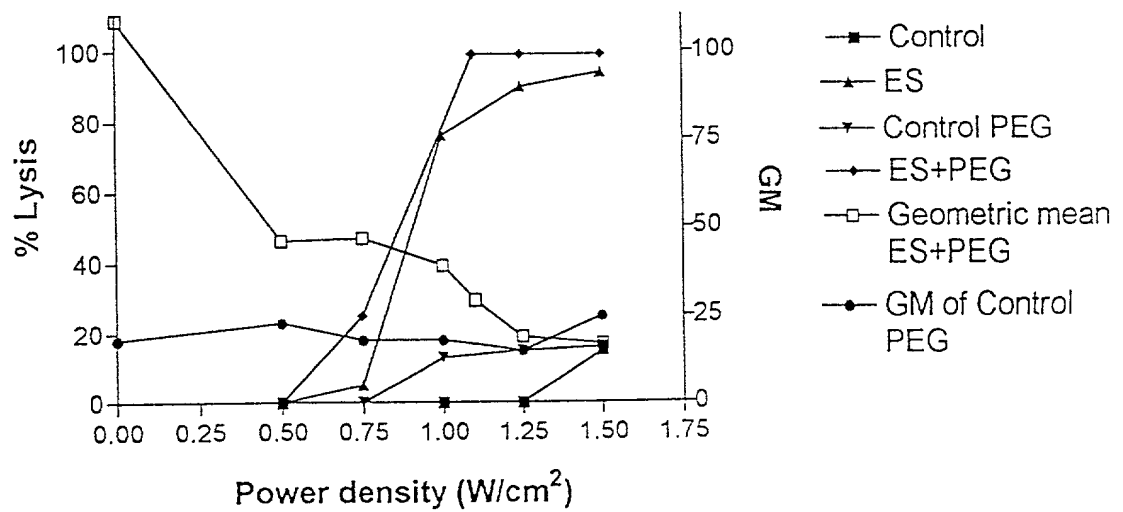


Fig.1

Fig 2A

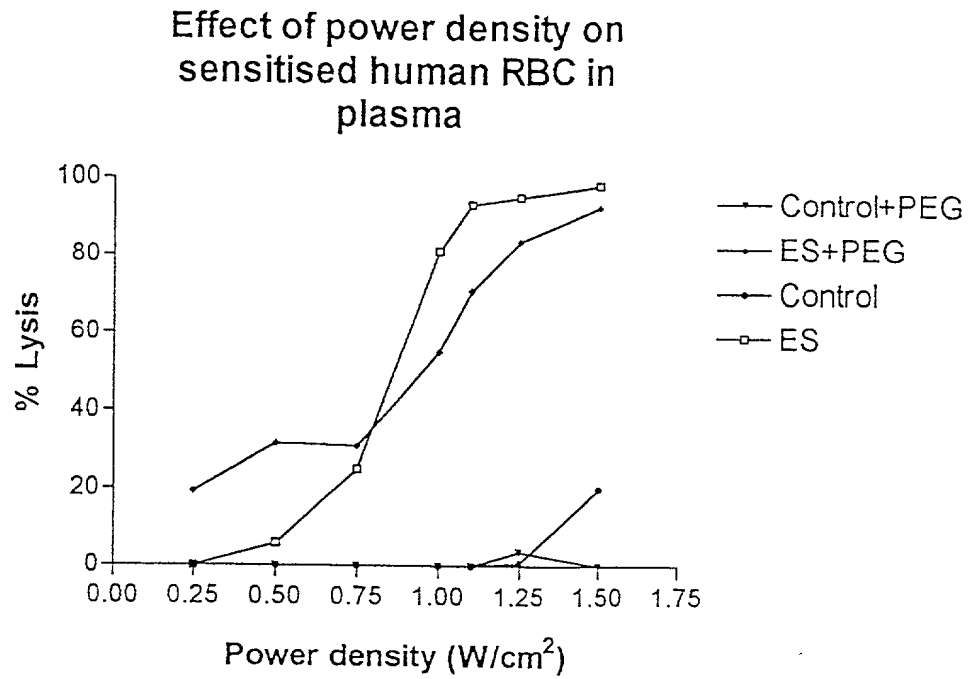
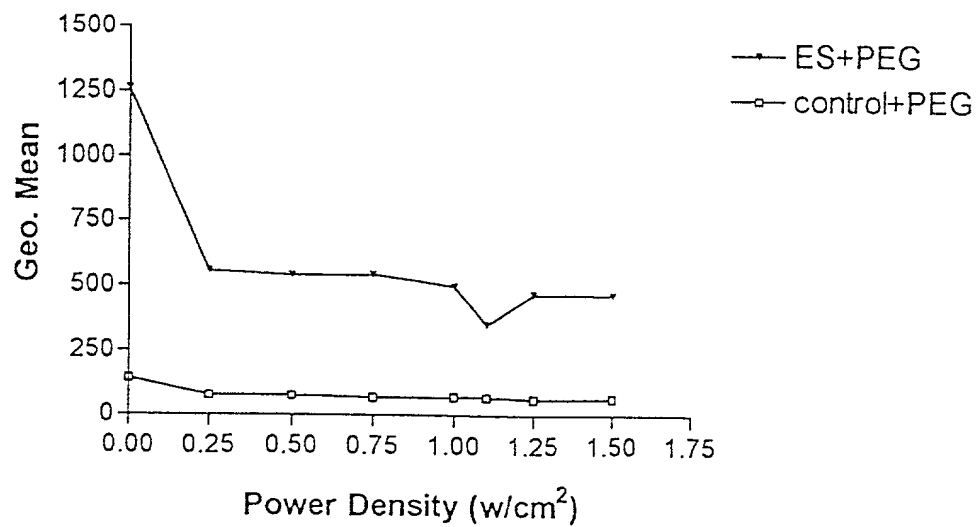


Fig 2B



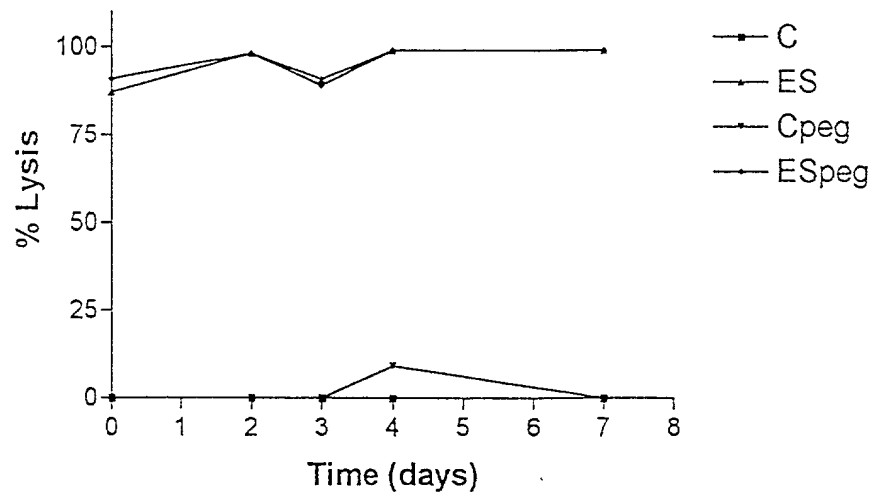


Fig. 3

Ultrasound sensitivity during  
storage at 4°C in plasma

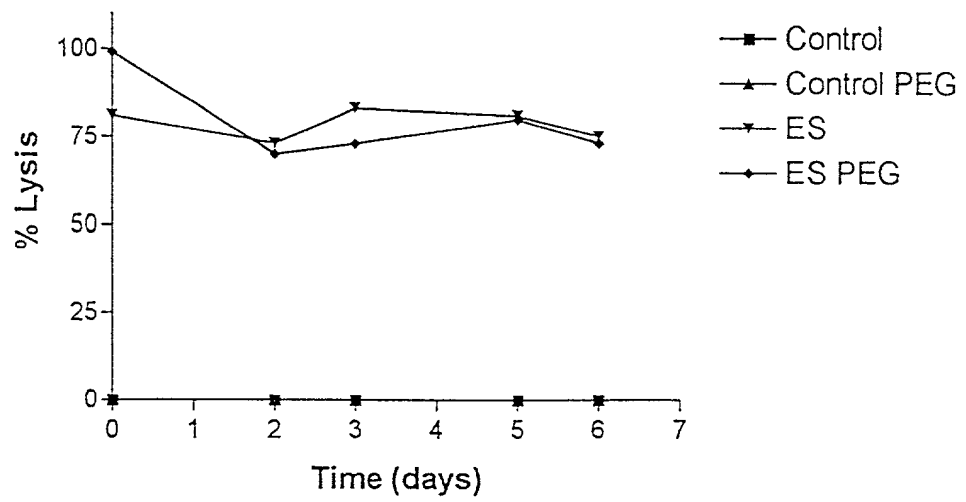


Fig. 4

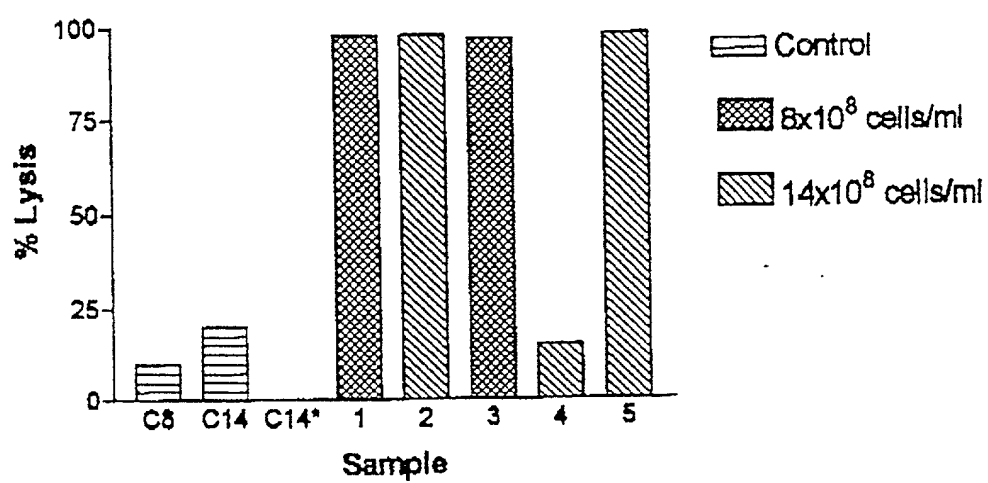


Fig. 5

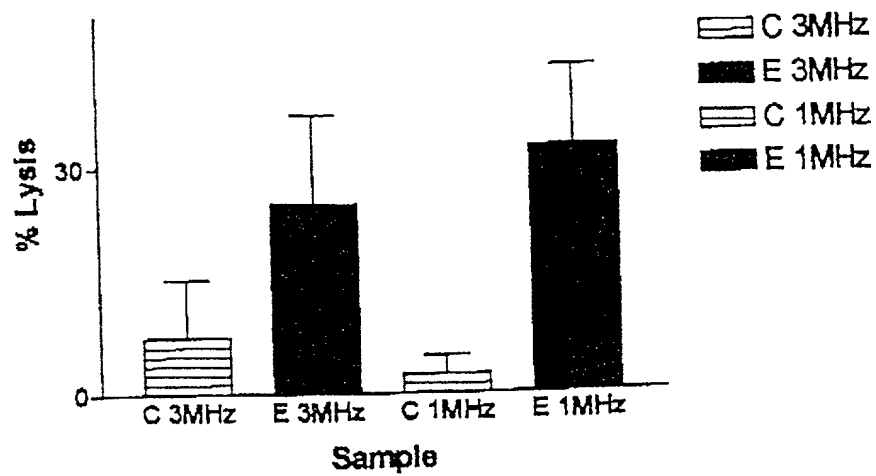


Fig. 6

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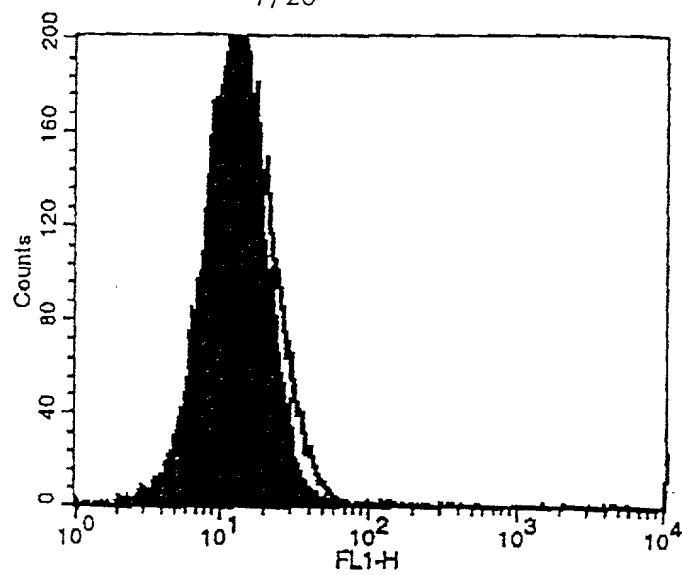


Fig 7A

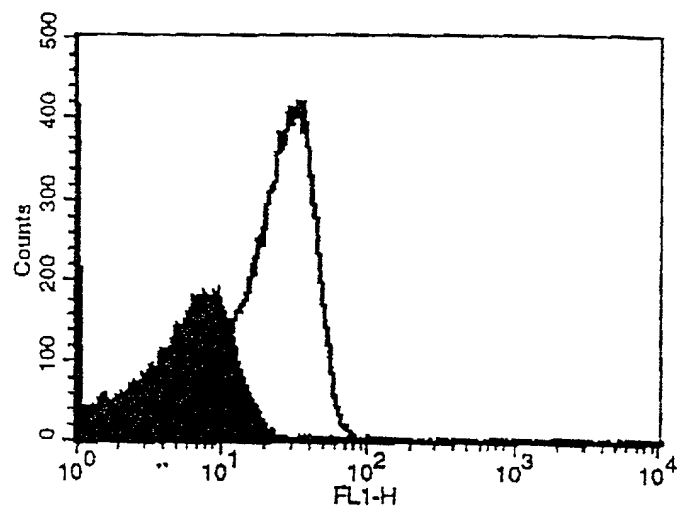


Fig 7B

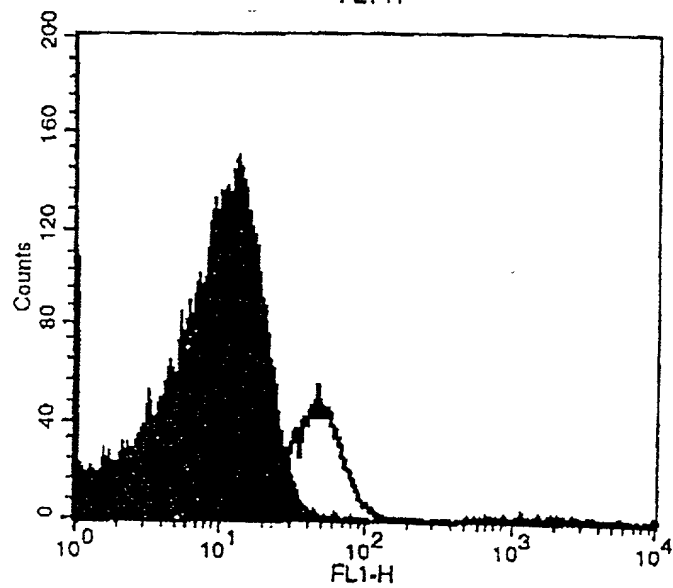


Fig 7C

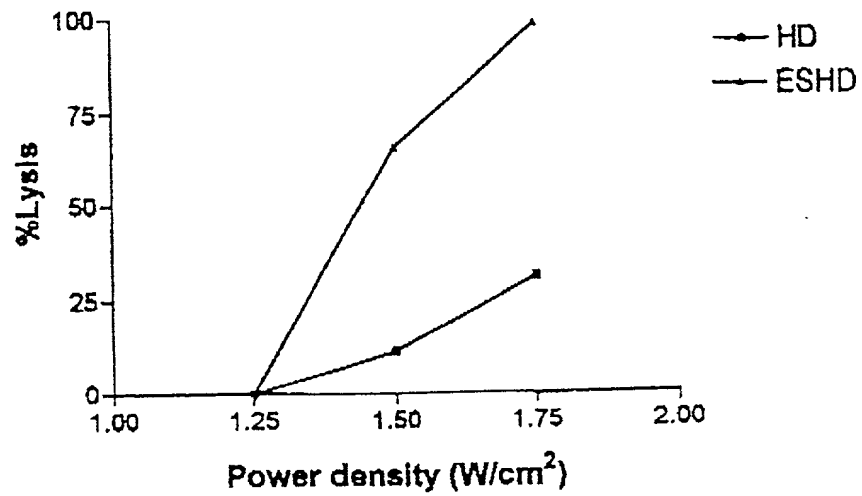


Fig. 8



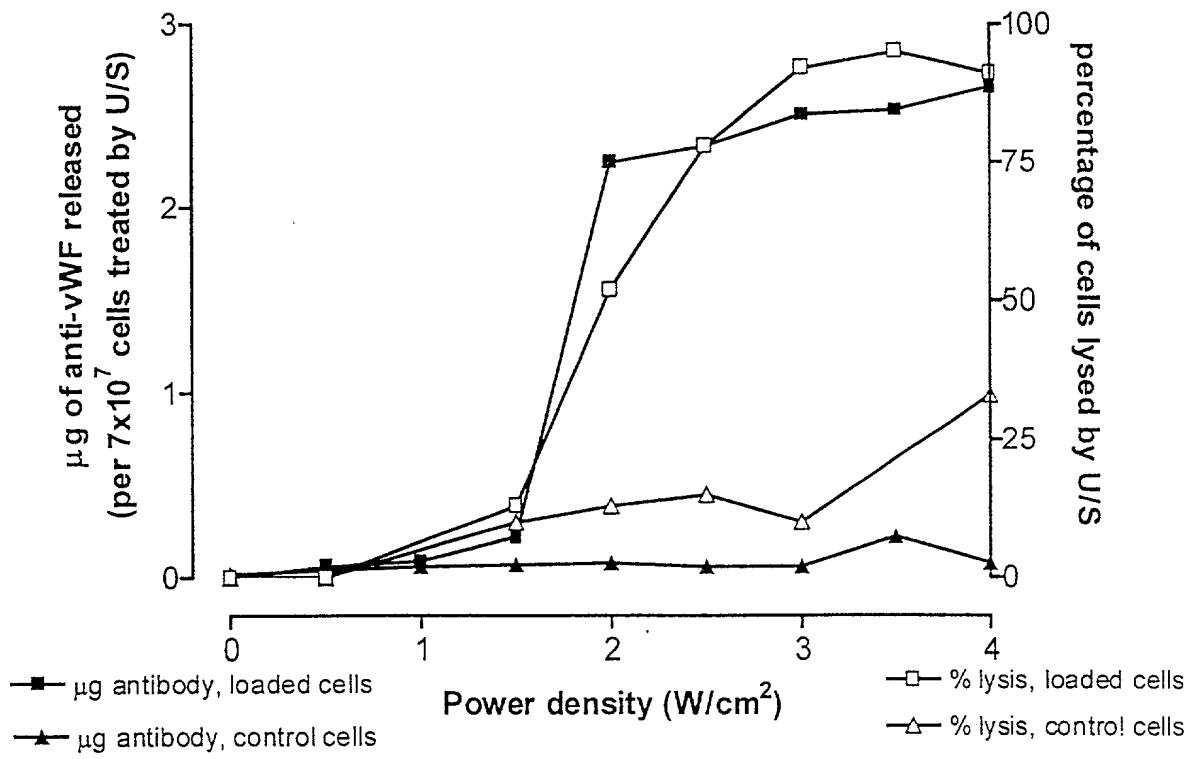


Fig. 9

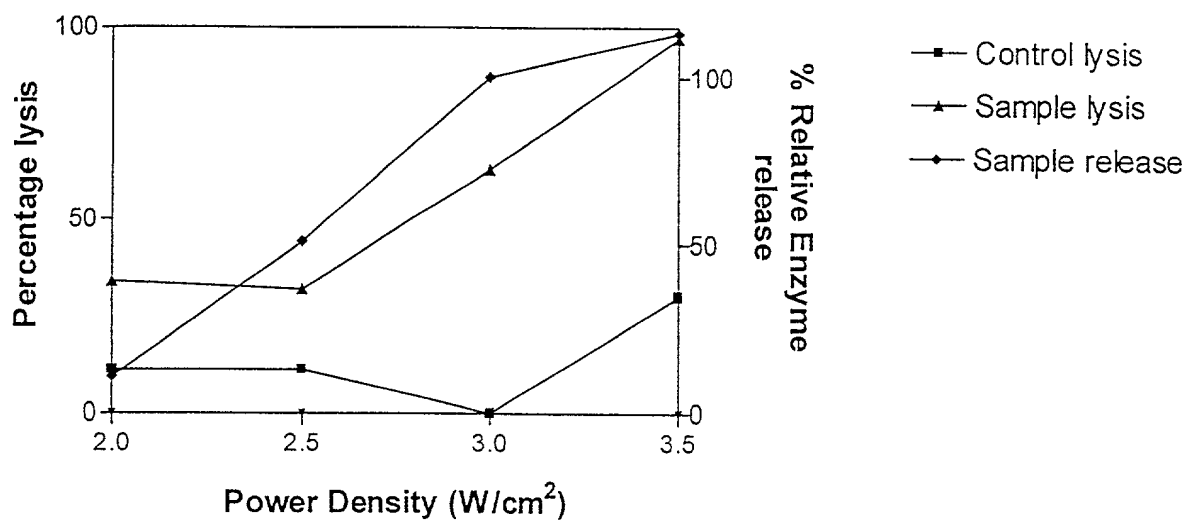


Fig.10

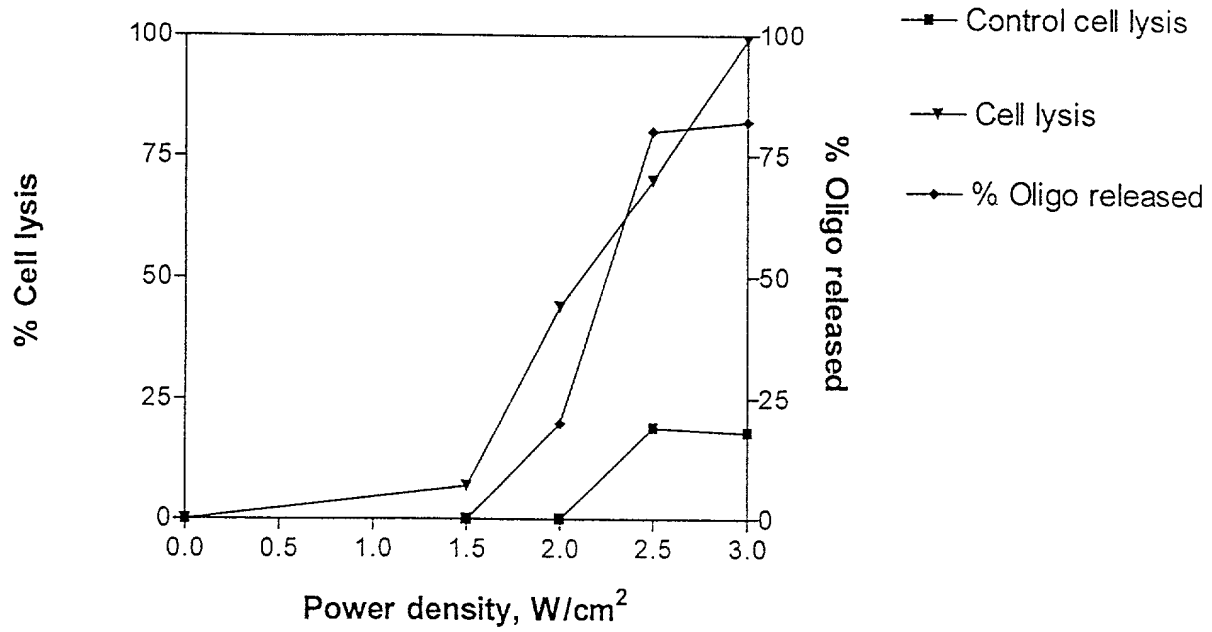
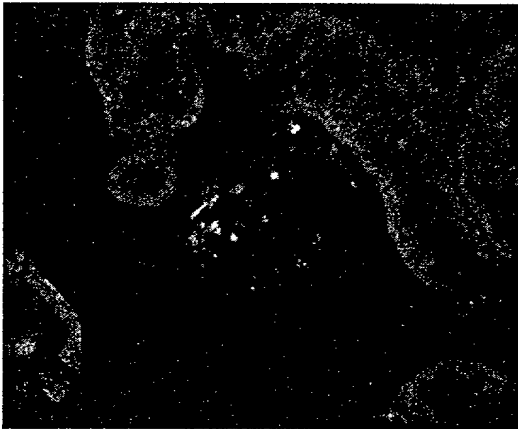


Fig.11

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+U/S



-U/S

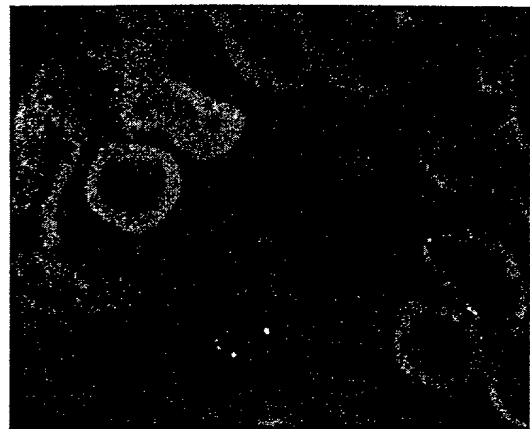


Fig.12

00222T E9084250

Fig. 13A RbRBC + Electrosensitisation

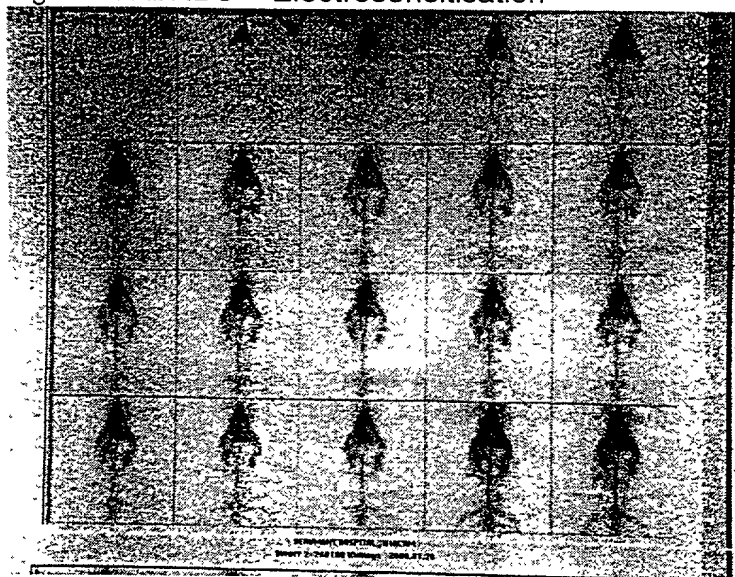


Fig. 13B RbRBC unmodified

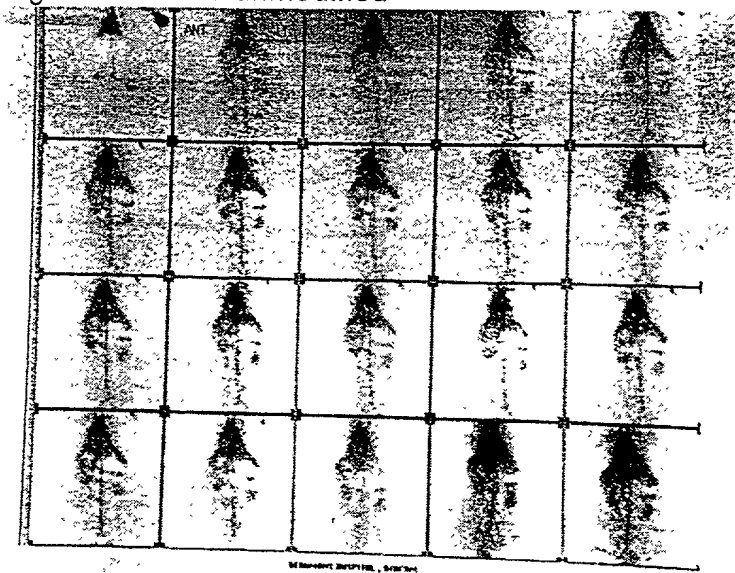
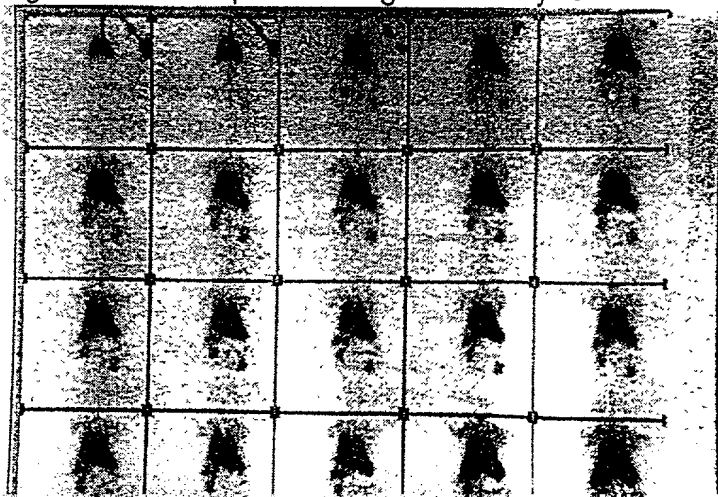


Fig. 13C RbRBC plus 2.5% glutaraldehyde



002227 E 908460

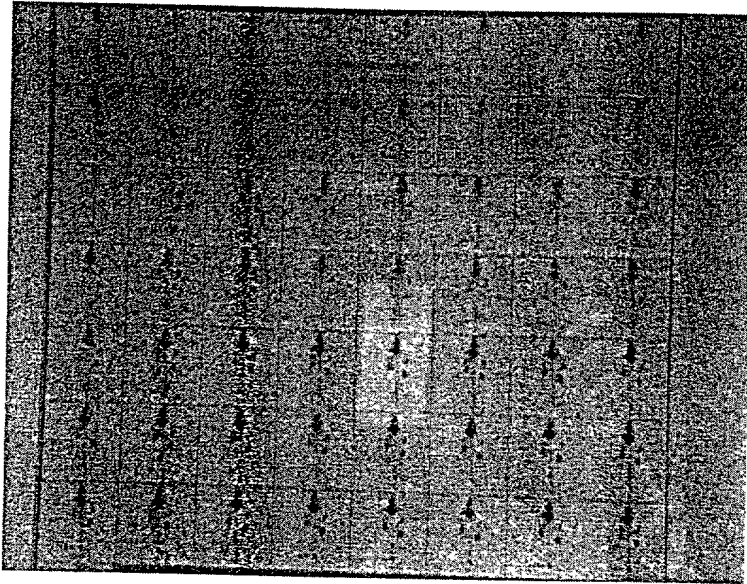


Fig.13D

002227 E9084250

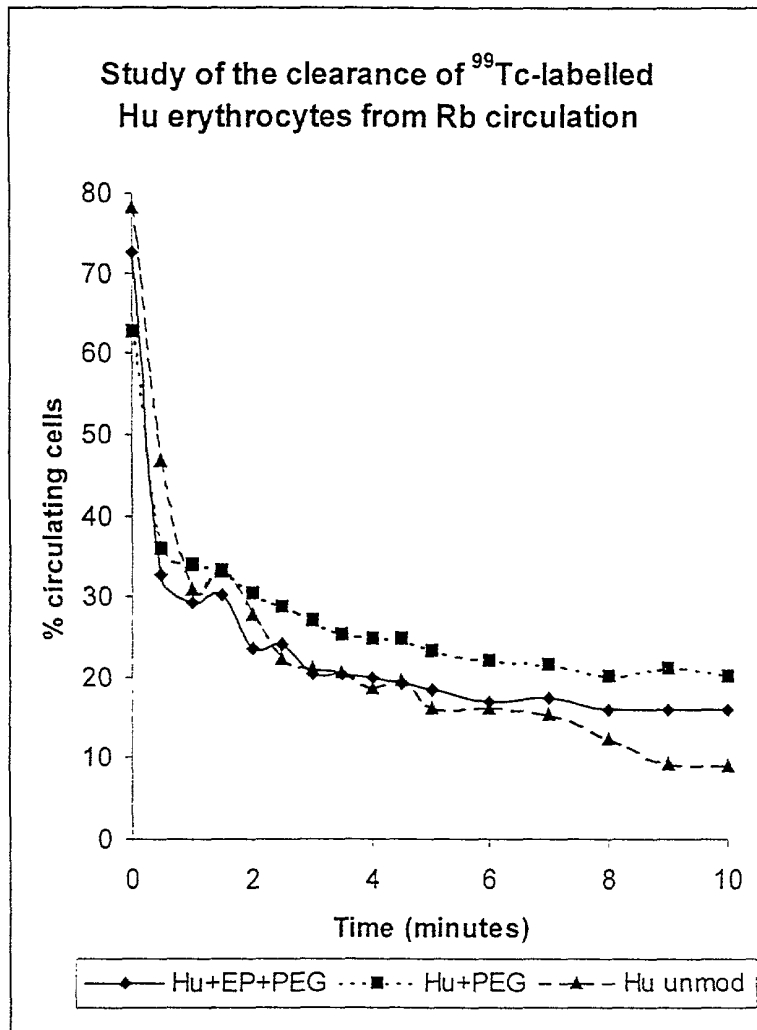


Fig. 14

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# *in vivo* survival of modified erythrocytes in rabbit

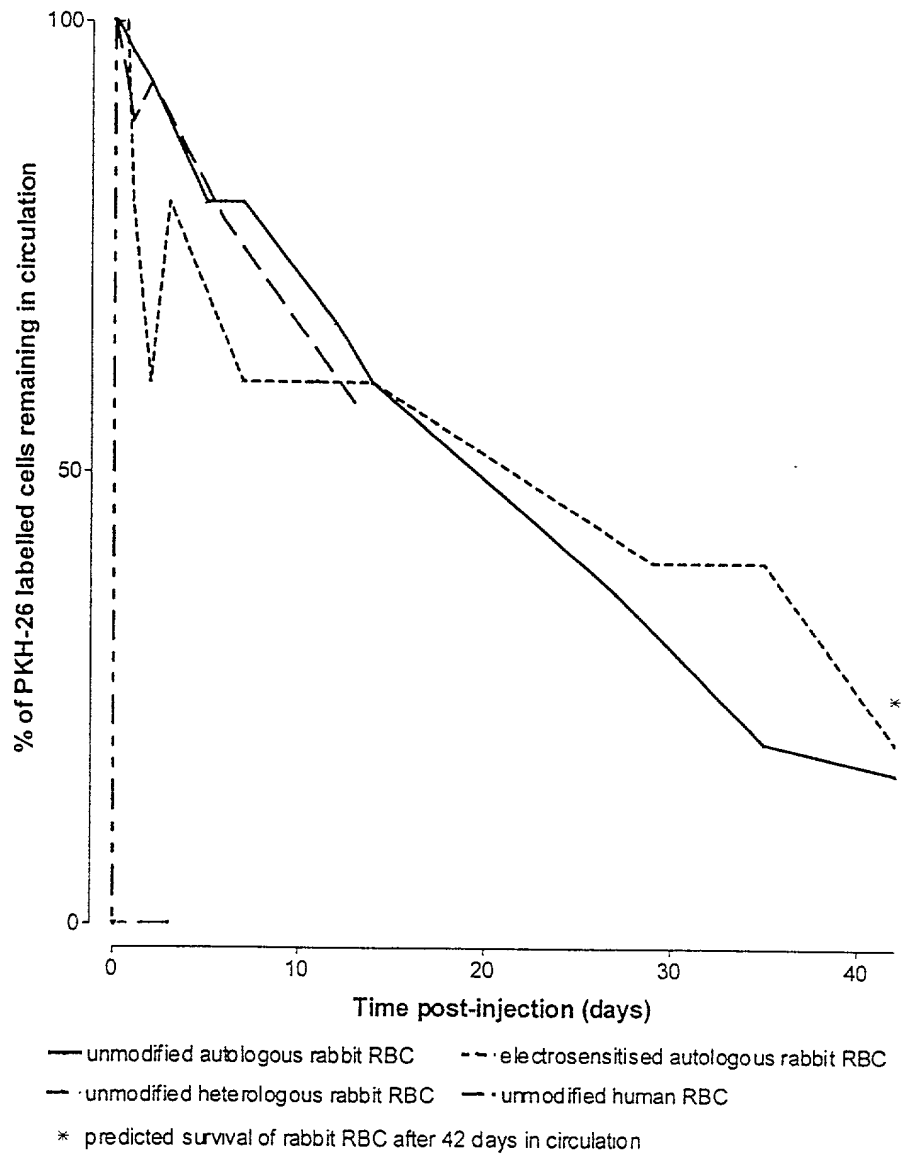


Fig.15



Survival of loaded and  
sensitised rabbit erythrocytes  
in circulation

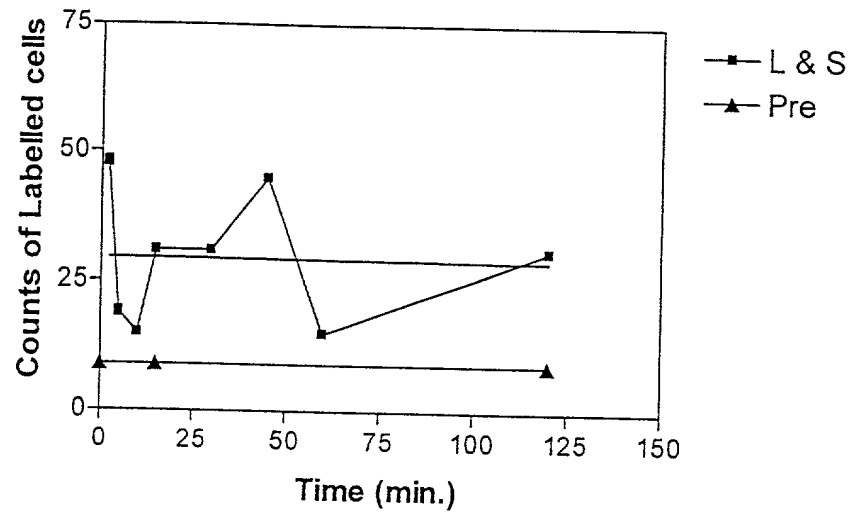


Fig.16

**CIRCULATING PHANTOM**  
**Ultrasound-induced antibody**  
**payload from spiked whole blood**  
**at 40% haematocrit**  
**(US - continuous wave, 5W/cm<sup>2</sup>)**

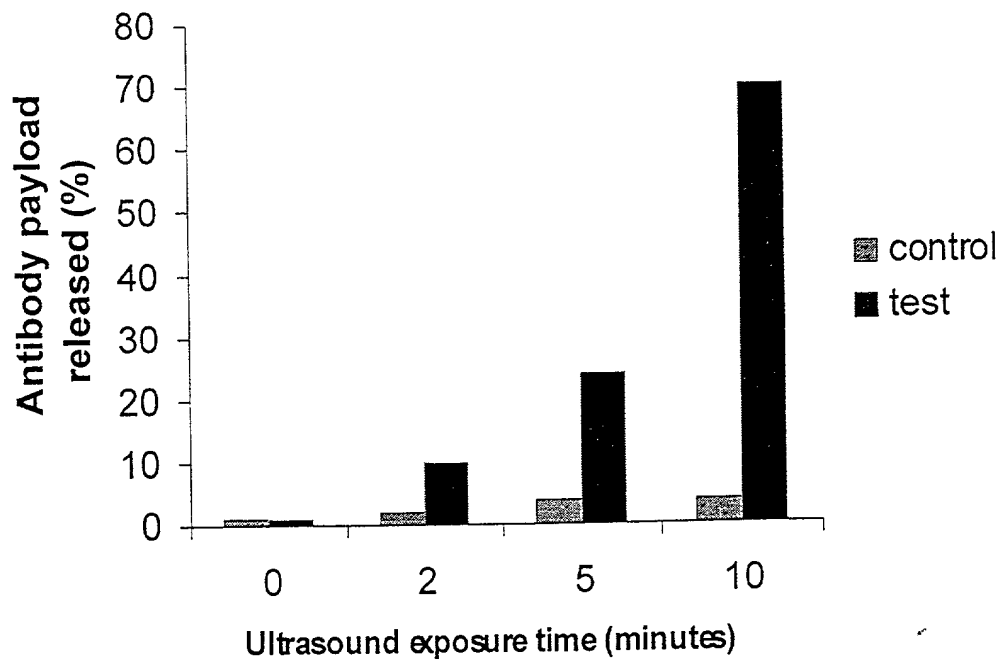


Fig.17

**Clearance of anti-Hu IgG from rabbit  
circulation (n=3) as measured by  
ELISA**

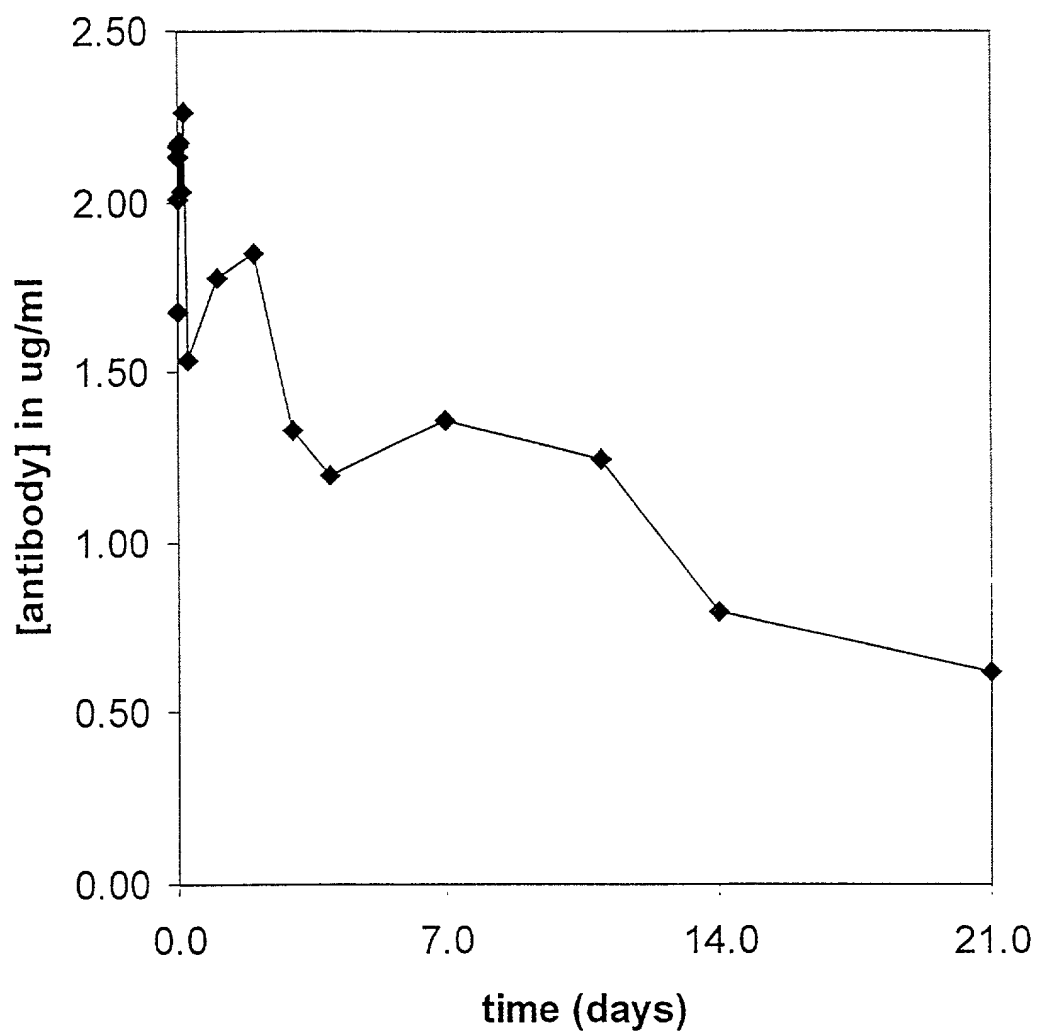
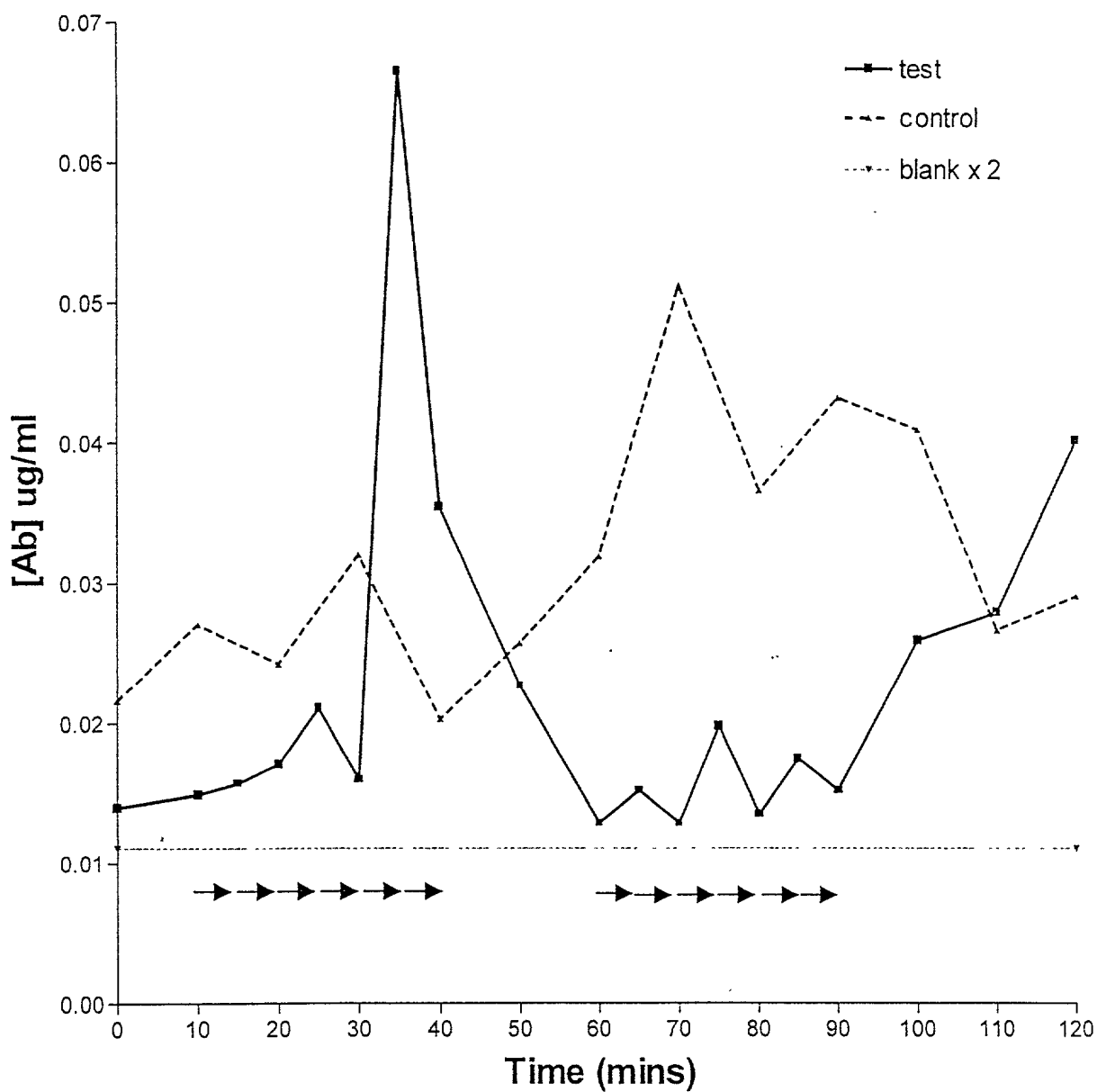


Fig. 18

## Ultrasound-mediated release of antibody payload *in vivo*



→ Ultrasound treatment periods (1MHz probe, 4W/cm<sup>2</sup>, 4')

Fig. 19